

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

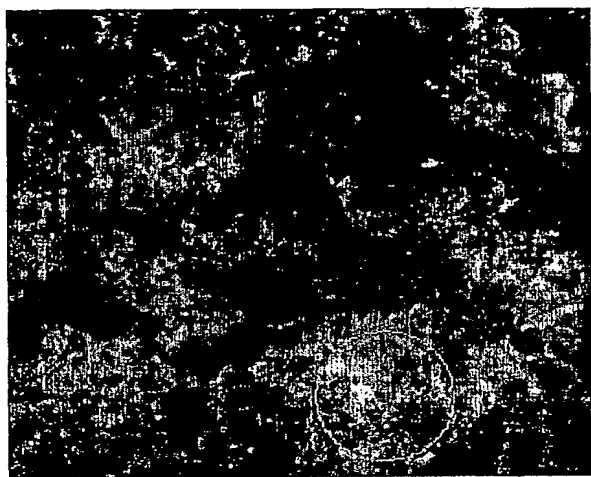
PCT

(10) International Publication Number
WO 2004/085626 A1

- (51) International Patent Classification⁷: C12N 1/16, B09C 1/10, C02F 3/00
- (21) International Application Number: PCT/KR2004/000671
- (22) International Filing Date: 25 March 2004 (25.03.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 10-2003-0018913 26 March 2003 (26.03.2003) KR
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: MICROBIAL MATERIALS FOR DEGRADATION OF OILS AND TOXIC CHEMICALS



Trichosporon app. strain
absorbed to the lipophilic
powder surface

(57) Abstract: Provided is microbial materials for degradation of oils and toxic chemicals. The microbial material includes a mixture comprising a microorganism and culture filtrate capable of degrading oil and toxic chemicals being at least one selected from the group consisting of Trichosporon loubieri Y1-A of deposit No. KCTC 18079P, Trichosporon cutaneum, and white-rot fungi living upon the surface of wood, lipophilic powder being at least one selected from the group consisting of natural wax, synthetic wax, beeswax and waste candle, and a microbial nutrient. The microbial material can efficiently, rapidly degrade contaminants that are unreadyly degradable, by increasing a contact area with the microorganism capable of degrading the unreadyly degradable contaminants.

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